

ORANGE BASKETBALL HALL OF FAME »

BRIAN TARRANT '96 GIVES
THE MELO CENTER AN EXTRA DIMENSION

THE CARMELO K. ANTHONY BASKETBALL CENTER provides the men's and women's basketball teams with a training facility that rivals any in collegiate sports. But there is more to the Melo than conditioning equipment, audio-visual rooms, and practice courts. It is also home to a unique immersion experience for Syracuse alumni, students, and sports fans: the Orange Basketball Hall of Fame. Brian Tarrant '96 played a key role in giving the permanent exhibition its singular qualities. "On a visit to campus several years ago, I saw some of the items under consideration for the project," says Tarrant, a vice president at MC², a leading designer and builder of exhibits and marketing environments. "It was good stuff, but didn't really tell a story, which is what we do at MC². So I reached out to [athletics director] Daryl Gross and got together with my design team to make a presentation. I think we really knocked their socks off with it." Tarrant credits Gross, Rob Edson '90, Susie Mehringer, Pete Moore, and Pete Sala of the athletics department for

their contributions to the production process. "It was a great pleasure to work with them," he says.

Dark wooden trophy cases, historical time-lines, and yellowing newspaper clippings are in short supply in this hall of fame. Instead, visitors are dazzled with a collage in glass and metal, bringing together the generations, the men's and women's teams, and all the great personalities and memorable performances, with the spectacular 2003 NCAA championship trophy at the center of it all. "We didn't want the younger generation walking off to one side and the older generation to the other," Tarrant says. "Our aim was to have everybody see every part of the exhibit."

Tarrant knows firsthand about the role of facilities in attracting student-athletes. A recruited high school football player from Long Island, he was all but set to accept an offer from Rutgers when he made a campus visit to Syracuse. "I took the trip just for the heck of it, and I fell in love with the place," he says. A sociology major in the College of Arts and Sciences, Tarrant





played defensive end for the Orange, and was a member of the 1993 team that defeated Colorado in the Fiesta Bowl. After graduation, he moved to Las Vegas, where his parents had relocated. "I looked in the football alumni book and found exactly one name in Nevada, Shawn Garrity ['86], so I looked him up and sent him a resume," Tarrant says. "He started me on the phones in a sales job." Tarrant has come a long way since, earning a reputation in the experiential marketing industry for coordinating corporate events, trade show exhibitions, and retail environments for such top-shelf outfits as Nike and Mercedes-Benz AMG. In 2008, he was picked to head MC²'s newly formed collegiate services division.

Putting his talents to work for SU was particularly satisfying, according to Tarrant. "This was not just a job—this is my home, a place I come from," he says. "I asked myself, 'What was important to me at 18?' and I remembered how cool it was learning about the great Vic Hanson ['27]." Hanson, who captained Syracuse basketball, football, and baseball teams, is the only individual enshrined in both the College Football and Naismith Basketball halls of fame. As a junior, he led the men's basketball team to a 19-1 national championship season, and his number 8 jersey hangs in the Carrier Dome. Honoring Hanson in the Orange Basketball Hall of Fame was a special delight for Tarrant. "We searched for everything we could find that would give students that kind of excitement and pride," he says. "We want them to know they're part of something bigger."

—David Marc



Brian Tarrant '96, a vice president at MC², a leading designer and builder of exhibition spaces, took great pride in helping develop the Orange Basketball Hall of Fame as part of the Carmelo K. Anthony Basketball Center.



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HUMPHREY FELLOWS PROGRAM »

PUBLIC SERVICE LEADERSHIP WITH A GLOBAL REACH

WHEN ROXANA SILVA SPEAKS OF CORRUPTION in her home country of Ecuador, her passion is palpable. She tells of government officials absconding with public funds and the uneven application of law. She witnessed the desperation of indigenous farmers as official mismanagement and indifference delayed by 10 years completion of an irrigation channel needed for their crops. "It's very important for me to promote human rights and the capabilities of Ecuadorean people, to let them know their rights and exercise those rights," she says. "We have to teach people, train people, because they have a voice—and their voice needs to be heard by the authorities."

Silva is developing new tools and strategies for achieving that goal as one of 11 Hubert H. Humphrey Fellows in a 10-month residency at the Maxwell School. The Humphrey Fellows Program, created in 1978 by the Carter administration, supports leadership development and networking opportunities for international professionals committed to public service. Syracuse is one of 17 universities selected by the U.S. State Department to host the 2009-10 Humphrey Fellows, and one of just three focusing on public administration and public affairs. Maxwell will serve as a host school for at least four years. "Hubert H. Humphrey was a statesman with an international agenda," says Margaret Lane, assistant director of Maxwell's Executive Education Program and program manager for the Humphrey Fellows at Maxwell. "So the essential vision of this program is to identify future leaders from around the globe, to promote deeper understanding of one another—us and them—and for them to develop the skills they need to promote positive change around the world."

The fellows, who arrived at Maxwell last August, come from the Dominican Republic, Ecuador, India, Israel, Liberia, Moldova, the Philippines, Sierra Leone, South Korea, and Tunisia. Each has a customized "plan" encompassing community service, optional courses, faculty mentoring, and work with organizations whose missions dovetail with the fellows' professional objectives. Silva has taken courses in managerial leadership and public policy, and picked up some citizen engagement strategies from FOCUS Greater Syracuse, ProLiteracy, and Syracuse Cultural Workers.



Humphrey Fellows learn about Syracuse on a walking tour with members of the Chamber of Commerce.

Several fellows cite Maxwell's interdisciplinary structure and the group's own diversity as particularly rewarding aspects of their experience. "The interaction with the other fellows here—it's not your usual neighborhood people that you meet," says Nimrod Pinhas Goren of Israel, founder of a nongovernmental organization that promotes the role of young people in shaping Israeli foreign relations. "Each person comes with an interesting background and experiences but similar challenges. Here, people influence each other, enrich each other. I've found that very useful."

The benefits flow both ways. "This type of program really broadens our efforts at internationalizing the school," says Steve Lux G'96, director of Maxwell's Executive Education Program. "And it's a great challenge. Here you have 11 people who are very accomplished, who have done a lot of interesting things, and you have to show that Maxwell is relevant to them. Do our interdisciplinary efforts work for them? Are our institutes and centers relevant to the rest of the world?"

Silva believes the answer is yes. "Maxwell is the best school of citizenship in the U.S., but I'm also trying to learn from organizations and people here," she says. "It's very important for me, so that I can 'catch' ideas, experiences, and more information. The Ecuadorean people—we *can* change. But we need the knowledge and the methodologies. You have that in this country."

—Carol Boll

CROSS COUNTRY »

DISTANCE RUNNERS REVIVE A WINNING TRADITION

AT MORGAN HILL STATE FOREST IN THE HILLS SOUTH OF SYRACUSE, THE MEN'S and women's cross country teams regularly pound their way up a grueling six-mile stretch of dirt road. "We love it," says Coach Chris Fox, now in his fifth year at the helm of the Orange cross country and track and field programs. "Running the hills at Morgan makes you really strong, and we take pride in our strength."

And it's paying off. Under the guidance of Fox and assistant coach Brien Bell, the Orange cross country teams have emerged among the leaders in the Northeast and become national contenders. Fox attributes the program's rise to relentless recruiting and a consistent coaching philosophy that emphasizes smart, efficient mileage and strength-based training. As a result, he's seen steady progress in individual performances and in the program's competitive culture. "There's a certain momentum," he says. "The goals of the kids are so much higher than they were even two years ago. What has become an acceptable time to them is so much faster, and they expect much more out of each other."

Last fall, for the first time in program history, both teams won the NCAA Northeast Regional Championships, broke into top 10 rankings, and placed in the top 20 at the NCAA championships (men, 14th; women, 18th). It was the highest finish ever for the women, and the men's best finish at the nationals—and first time competing as a team—since 1974. The men's team also captured the Big East crown for the first time and won the prestigious Wisconsin Adidas Invitational. Among the top individual performances, Tito Medrano '12 became the first Orange cross country runner to attain All-America honors in 27 years, and Katie Hursey '11 won the Northeast Regional meet and was selected as the region's Woman Athlete of the Year by the U.S. Track & Field and Cross Country Coaches Association. Both teams also earned Academic All-America accolades, adding SU to a list of only 17 schools to achieve that honor. "It was a big deal for us to win the Big East and to get to the nationals as a team," says Fox, who was named the Northeast's Coach of the Year. "The only goal starting the season was to get to the nationals. Then we caught some momentum as the season went on, and we had higher expectations."

On the recruiting front, Fox believes the program is now selling itself, drawing top runners from New York and across the country. He regards the sophomore group, which includes Medrano, as one of the best in the country and says they are all potential All-Americans. The incoming class—which he calls the best yet—features several of the state's top distance runners, as well as state champions from Maryland, New Jersey, and Michigan. "This is as good as any place in the country for our sport. We love what we have here," Fox says, noting the combination of natural beauty and physical challenge offered by their training courses. "Now that we've become better, our map is bigger."

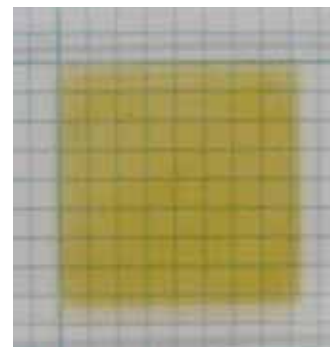
If there's any further need for motivation, the runners can merely look to the past: In the late 1940s and the '50s, the men's teams were regularly in the national title hunt, and the 1951 men's team won the national championship. "That's what we think about," Fox says. "It's hard to win a national championship and will take a ton of luck, but we'll certainly put ourselves in contention over the next few years."

—Jay Cox



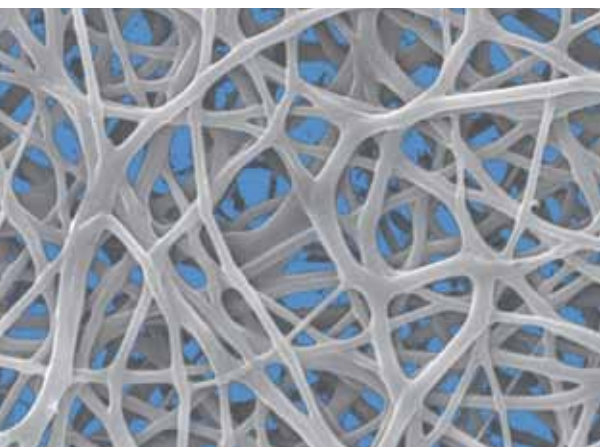
Under head coach Chris Fox (above), the men's and women's cross country teams climbed into the national rankings and captured the NCAA Northeast Regional Championships.

BIOENGINEERING » INFECTION PROTECTION



BIOMEDICAL AND CHEMICAL ENGINEERING PROFESSORS PATRICK T. MATHER AND DACHENG Ren are ready to battle virulent infections that claim lives and cost billions of dollars. Their weapon: a new hydrogel web composed of nano-sized polymeric fibers and a silver compound that they created through collaborative work at the Syracuse Biomaterials Institute (SBI). "We saw a need for better wound dressings and medical devices because of the significant problem of infections in health care and on the battlefield," says Mather, the Milton and Ann Stevenson Professor of Biomedical and Chemical Engineering and director of SBI.

The significance of the antimicrobial web is that it provides protection against infections for up to 14 days, much longer than any current material. When absorbing water, most antimicrobial materials swell and expand. This leads to a quick release of the antimicrobial agent—in this case, a silver ion from silver nitrate, which is commonly used to combat infections. In their experiments, the new material didn't expand during immersion in water; instead, it shrunk slightly—an unprecedented behavior, they say. The key advantage to the new material, Mather notes, is the compact nanofiber structure, which makes it more difficult for the silver ion to escape, slowing the process and creating a regulated release that prolongs the attack against infectious bacteria that colonize as biofilm on moist surfaces. Mather suggests envisioning the fibers—about 100 nanometers in diameter—welded together like a soccer net. "The fibers can expand until they impinge on one another," he says. "It's amazing how much water or other biological fluids the fibers can take up—about five-fold the amount of their own weight—without any dimensional



Professors Patrick T. Mather and Dacheng Ren created a hydrogel web (above, right) composed of nano-sized polymeric fibers (above) and an antimicrobial agent that extends protection against infections.

change. That's really critical for wound dressings."

Ren, an expert on biofilms, believes the hydrogel web can be used to control biofilm growth in existing infections and to prevent new infections. "This technology offers extended protection for critical control of infection," Ren says. "It attacks bacteria, which are much more difficult to kill on the surface. Because the microbes attach to the surface of this material, the advantage is that the delivery is local and the killing of the microbes is local, which means it can pack a lot of potency."

Mather and Ren collaborated with postdoctoral research professor Jian Wu and doctoral candidate Shuyu Hou '10 in developing the hydrogel web and shared their findings in *Biomacromolecules*, a publication of the American Chemical Society. They have a patent pending on the technology and are exploring its commercial potential with a company. They believe that as a "platform technology" the web can employ other active antimicrobial components. Mather, who specializes in developing polymers for the biomedical field, uses a technique called electro-spinning to create the nano-sized polymeric fibers. Kate Wolcott '11, a chemical engineering major who assists with research in the SBI lab, helps to produce threads of the nanofibers. "One of my interests is in the development of new materials," she says. "The nanofiber concept is fascinating."

Through ongoing research at SBI, Mather and Ren, who received funding from the New York State Foundation for Science, Technology, and Innovation for the project, plan to continue developing applications of the concept, including exploring such options as implantable medical devices, time-released drugs, and biodegradable materials. "There is lots of room for innovation," Mather says. "We'll see where it takes us."

—Jay Cox



To view an electro-spinning demonstration, visit sumagazine.syr.edu.

Q&A »

A FACULTY PERSPECTIVE FOR THE BOARD OF TRUSTEES



HARVEY TERES

AS CHAIR OF THE SU BOARD OF TRUSTEES, JOHN H. CHAPPLE '75 pledged to make the board more accessible to campus constituencies. He proposed faculty representation at board meetings as a first step in that direction and, with support from Chancellor Nancy Cantor, the board voted unanimous approval. The University Senate responded by designating English professor Harvey Teres, director of the Judaic Studies Program, as its representative. "When I was approached about it, I was astonished to learn there had never been a representative of the faculty on the board," says Teres, whose new book, *The Word on the Street: Linking the Academy and the Common Reader*, will be published later this year by the University of Michigan Press. "I was even more surprised to learn that most university boards around the country still meet with no faculty member present."

Syracuse University Magazine associate editor David Marc asked Teres a few questions about his new role:

HOW DID THE UNIVERSITY SENATE CHOOSE YOU FOR THE JOB?

Eric Spina, the provost, asked the Senate Agenda Committee to make a selection. The committee, which is chaired by Eileen Schell of the Writing Program, decided it would be appropriate to look for someone with knowledge and involvement in a wide range of academic affairs. I think they considered several members of the Senate Academic Affairs Committee in consultation with the committee chair, Larry Elin ['73].

HOW WERE YOU RECEIVED BY THE BOARD?

I was heartily welcomed. Most, if not all, of the trustees thought it was a long time coming. It's very consistent with what the board members want: more involvement, more inclusion, and more accessibility. They want to get closer to students, faculty, deans, and the University community in general, and this is a sort of natural and normal way to start cementing some of those ties and connections.

HOW WOULD YOU DEFINE YOUR RESPONSIBILITIES?

I'm there to represent the interests of the faculty, that's one side of it. At board meetings, I focus on academic issues and supply information and perspectives as needed. For example, I've raised concerns about classroom space, faculty salaries, corporate initiatives and social justice, and the needs of the library. I've also discussed publicly engaged scholarship under the broader rubric of Scholarship in Action. My other major responsibility is to help the board communicate to the faculty and the wider University community. Here I hope to work on

initiatives to give the board a more open, public face at SU—panel discussions, open sessions, etc.

WHAT IS YOUR IMPRESSION OF THE BOARD AT WORK?

A lot of the discussion has to do with fiduciary responsibility. The trustees look very closely at budgetary concerns and at future projections; they're very concerned with the economic health of the institution. This is a pretty steep learning curve for me because I have no experience in the business world, or in economics or finance. I've really admired the extent to which the board members "bleed Orange"—they really take the best interests of the University to heart. They discuss how the board can become more visible and communicative with the wider community.

HOW WOULD YOU LIKE TO MAKE THE BOARD MORE A PART OF CAMPUS LIFE?

In a brainstorming session at a retreat, board members expressed their ideas about creating more interaction and more visibility. As I mentioned, I suggested a series of open meetings or panel discussions on campus, at which several trustees could talk about themselves and their lives, what they do as board members, and what the board itself does—just to get some conversation going. There's a long tradition of inaccessibility and elitism in American higher education. It has been typical for boards to keep themselves separate and not seek interaction. One of the extraordinary things about Chancellor Cantor and [board chair] John Chapple is that they are trying to diversify the board and make it more open and visible to the community. I strongly endorse that.



RESEARCH SNAPSHOTS

A FOCUS ON RESEARCH AT SYRACUSE UNIVERSITY

PROJECT:

School Leader Communication Model

INVESTIGATOR: Benjamin Dotger**DEPARTMENT:**

Teaching and Leadership

SPONSOR: U.S. Department of Education's Institute for Education Sciences**AMOUNT AWARDED:** \$498,849 (2009-2012)

BACKGROUND: The School Leader Communication Model (SLCM) is a project to develop simulations that will enhance the preparation of future principals and assistant principals. Although their daily responsibilities include many complex conversations with teachers, parents, and students, school leaders receive little formal training on how to effectively communicate with those different groups. Based on the medical education pedagogy of

standardized patients (role-players), and in partnership with SUNY Upstate Medical University, the SLCM utilizes standardized individuals to portray parents, teachers, and students in simulated interactions with school leaders. As these administrators engage in multiple simulated interactions, they dually engage in ongoing video debriefings and professional development sessions that target their decision-making and communication patterns.

IMPACT: Schools of education continue to search for training techniques that prepare principals to transfer knowledge and skills learned within preparation programs into actions and decisions that effectively guide K-12



schools. Simulated interactions may potentially serve as a pedagogical bridge, connecting preservice school leader preparation with the actual daily practices of active principals. In addition, simulated interactions illuminate the strengths and conceptual gaps in professional preparation programs, helping educational researchers to refine school leadership preparation.

PROJECT:

HIV Prevention for STD Clinic Patients

INVESTIGATORS: Michael P. Carey, Theresa E. Senn, Peter A. Venable, and Kate B. Carey**DEPARTMENT:** Psychology, in coordination with the Center for Health and Behavior**SPONSORS:** National Institutes of Health/Department of Health and Human Services**AMOUNT AWARDED:** \$2,863,622 (2009-2014)

BACKGROUND: HIV and other sexually transmitted diseases (STDs) affect many people, causing considerable morbidity and mortality. In the United States, more than 550,000 people have died because of AIDS, and 1.1 million are currently living with HIV. Other STDs are also prevalent. Each year, an estimated 19 million new cases of STDs are reported to the Centers for Disease Control and Prevention. STDs can cause serious health consequences, including pelvic inflammatory disease, chronic pelvic pain, ectopic pregnancy, and infertility in women, and cancer in both men and women.

IMPACT: This research program will develop and evaluate a behavioral intervention to help patients at publicly funded clinics to reduce their risk for HIV and other STDs. Once developed and validated, this intervention will provide a practical, effective, and easily distributed sexual risk reduction model for use in public clinics and other settings.



Professor Benjamin Dotger (top photo) with students; a staff worker (right) at the STD clinic.



UNIVERSITY TREASURES



TOTALLY PLASTIC

SYRACUSE UNIVERSITY LIBRARY'S SPECIAL COLLECTIONS RESEARCH CENTER (SCRC) IS now home to one of the nation's leading research collections in the history of plastics, according to SCRC director Sean M. Quimby. In 2008, the National Plastics Center and Museum in Leominster, Massachusetts, transferred thousands of artifacts and archival materials to the library. Founding support for the resource was provided by Harry Greenwald '51 and the Greenwald-Haupt Charitable Foundation. Many private collectors have since contributed artifacts of their own, such as the items above, dating from the 1930s, donated by Dr. Lawrence J. Broutman of Chicago.

The ubiquitous nature of plastic makes it a multidisciplinary subject of study, relevant to many of the University's academic programs: engineering, business, American history, art history, architecture, chemistry, and philosophy, to name a few. Last fall, the School of Architecture and the Humanities Center hosted "Plastic Modernities," a symposium bringing leading designers to campus to discuss plastic and plasticity as material and metaphor, past and present.

—David Marc

PICTURED: table radio; woman's razor in carrying case; poker chips in dispenser; set of coasters from the 1939 New York World's Fair; multicore paper weight; cologne container in the shape of male figure; retractable cigarette dispenser; drinking straw container; desk clock; and matching salt and pepper shakers.



TRIBUTE »

AN OFFICER
AND A GENTLEMAN

FOR MORE THAN FOUR DECADES, MAJOR GRANT WILLIAMS Jr., an officer in the Department of Public Safety (DPS), served as a mentor and friend to many students, earning a unique place in their hearts. In December, members of the University community honored him at a memorial ceremony in Hendricks Chapel, attempting to return, in some small measure, the kindness that Williams shared with generations of SU students. Williams was a familiar figure on campus, and recognized by many beyond as the uniformed officer sitting behind the home team bench at the Carrier Dome, assigned to secure the safety of Orange student-athletes and coaches. Further tribute was paid to Williams in February at the Carrier Dome with the dedication of a plaque at the entrance to the home locker room, recognizing the special contribution he made to the lives of Syracuse's student-athletes. "Grant will be remembered most for the positive impact he had on students and the great caring he showed in his interactions with students and parents," said DPS Chief Anthony Callisto Jr. G'98.

Following Williams's death on November 27, outpourings of sympathy and grief came from Orange alumni, students, faculty, and staff. Stars of the sports world, including Trustee Donovan McNabb '99 and Derrick Coleman '90, offered the Williams family personal condolences. Head football coach Doug Marrone '91 and assistant basketball coach Mike Hopkins '93 were among the mourners at Hendricks Chapel. "I've missed [Grant] since I left," NBA veteran Jason Hart '00 told *Syracuse Post-Standard* columnist Sean Kirst. Joseph Clore '72, G'74, a U.S. Environmental Protection Agency official, described Williams as "a silent hero for minority males." Clore, a Buffalo native, recalled how he and other inner-city students were reluctant to approach professors and advisors with problems, and how Williams understood that and stepped up to fill the void. "I've always tried to be an advocate for students," Williams said in a 2004 interview with *Syracuse University Magazine*. "You have to know what is bothering them so you can understand why they might be causing problems. And you find that out by listening, not by being judgmental."

Williams, who also served as assistant director for crime prevention and community relations at DPS, was a Marylander by birth. He was forced by financial circumstances to leave college, something he never felt good about. Decades later, he earned a bachelor's degree in criminal justice, summa cum laude, from St. John's University in Louisiana through a distance-learning program. A self-taught artist, Williams enjoyed showing his drawings at the University's *On My Own Time* exhibitions. He is survived by his wife of 45 years, Maxine, director of elementary education for the Syracuse City School District, their three children, and four grandchildren.

"If a kid is 99 percent 'bad,' I'll find the other 1 percent," Williams said. "That gives you a base to start growing from."

—David Marc

GRADUATE SCHOOL PRESS »

INSTILLING ACADEMIC INTEGRITY

AS A GRADUATE STUDENT PURSUING A DOCTORAL DEGREE IN RELIGION, Holly White is proud to enter this particular community of scholars, and takes seriously her responsibility within that fellowship to make her own unique contribution. As a teaching assistant and future professor, she is similarly invested in the originality and honesty of the students whose work she evaluates. White believes her success in both roles requires a comprehensive understanding of academic integrity principles and the tools for putting them into practice, as well as an appreciation for their increasing complexity in a world of electronic media. "I am being disciplined into ways of thinking, and that means I have to be both original and conventional at the same time," she says. "How do I do that? To be conventional means to present standard arguments in the texts I read, but I want to do so in a way that is original to me, as well as consistent with the academic community I am a part of."

In dealing with such issues, White and co-editors Tyra Twomey, a doctoral candidate in composition and cultural rhetoric, and Ken Sagendorf '95, G'97, G'07 produced *Pedagogy, not Policing: Positive Approaches to Academic Integrity at the University* to serve as a valuable resource for those entering the teaching profession. Published by the Graduate School Press at SU, the book reaffirms the University-wide policy on academic integrity by focusing on creating an environment that promotes honesty and inspires trust and respect, rather than one that relies solely on punishing those who cheat or plagiarize. Winner of a 2009 Critics Choice Book Award from the American Educational Studies Association, *Pedagogy not Policing* is a collection of some 20 essays by graduate students, faculty, and administrators from SU and other institutions, outlining teaching strategies that promote academic honesty and offering tips for preventing and identifying cheating and plagiarism. "It deals with very practical matters, such as designing course materials and creating original and consistent lab reports without falling into traps of plagiarism," White says. "It also poses theoretical questions about why originality matters in an intellectual community and how an individual can honor the ideas of others in her own work."

Pedagogy not Policing is one of several teaching resources for graduate students published as part of a Graduate School Press series that grew out of the University's Future Professoriate Program. Earlier publications examine such subjects as using writing as an instructional tool, incorporating disability-related issues into the classroom and curriculum, and honoring diversity of sexual and gender identity. A forthcoming book investigates strategies for successful learning communities. The press is also soliciting contributions for an upcoming project exploring publicly engaged scholarship. "We want to choose topics that are timely, useful, and relevant, but that are also in motion because they deal with live issues," says Glenn Wright, assistant director of professional development programs in the Graduate School, who leads the press series. "This lets us keep our finger on the pulse of graduate education."

“We want to choose topics that are timely, useful, and relevant, but that are also in motion because they deal with live issues.”

Glenn Wright, assistant director of professional development programs in the Graduate School

—Amy Speech

STUDENT PERSPECTIVE » VANTAGE POINT VANCOUVER

WHEN IT COMES TO OLYMPIC GLORY, ANDREW Burton '10 can tell a few stories. The Newhouse School photojournalism major journeyed to Vancouver, British Columbia, in February to cover the 2010 Winter Olympics as a freelance photographer. Whether it was capturing American speed-skating star Apolo Ohno racing for a medal on the short track, enduring seemingly endless bus rides between locations, arriving hours ahead of an event to stake out a prime spot among hundreds of photographers, or putting in a 22-hour day bundled in snow gear and lugging around 60 pounds of equipment, Burton reveled in the work. "The weather was challenging," he says. "The outdoor light conditions affected the photography. It was really difficult shooting the skiers when the mountain was clouded in fog."

Burton got his first taste of shooting Olympic action at the 2008 Beijing Summer Games, working as an assistant to a *Newsweek* photographer. The experience inspired him to rustle up assignments for Vancouver and off he went. Along with the selection of photographs here, he had shots published in *The New York Times*, *The Wall Street Journal*, *The Oregonian*, and the *Sports Business Journal*. An exhibition of his Vancouver work is on display at the Panasci Lounge in the Schine Student Center through mid-May. He also posted photos on his web site (www.andrewburtonphoto.com). "I had a great time," he says. "It was a tremendous experience." —Jay Cox

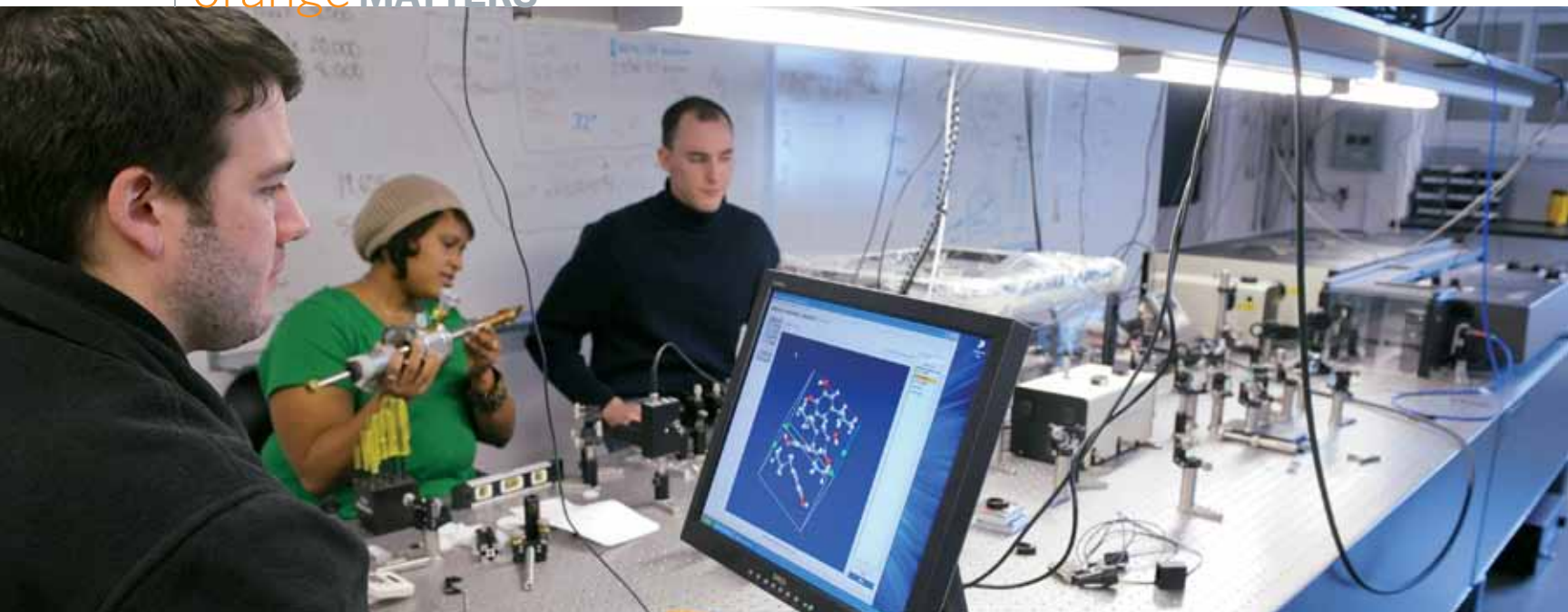


Chinese silver medalists Qing Pang (top photo, right) and Jian Tong perform during the figure-skating exhibition gala at the Vancouver Olympics on February 27. The United States' Apolo Ohno (bottom photo, center), Canada's Francois-Louis Tremblay (right), and South Korea's Yoon-Gy Kwak skate past a crash that sent South Korea's Ho-Suk Lee into the wall during the semifinals of the men's 500-meter short track race on February 26.





American freestyle skier Patrick Deneen practices before the men's moguls competition on February 14 during the Vancouver Olympics. Deneen qualified for the finals, but crashed on his final aerial trick.



FORENSIC SCIENCE » ANALYZING THE EVIDENCE

Doctoral candidates (from left) Matthew Hudson G'08, G'10, Tanieka Motley G'07, G'09, and Patrick Hakey G'08, G'09 use a terahertz spectrometer in the lab of chemistry professor Timothy Korter last year. The instrument can be used to study a variety of materials, and is valuable in explosives detection and identification work. Motley is now an analytical chemist specializing in food safety for the Ohio Department of Agriculture, and Hakey works for the U.S. State Department. Hudson is completing degree work.

CHEMISTRY PROFESSOR JAMES T. SPENCER, founder of SU's Forensic Science Program (FSP), is not surprised by the high visibility of forensic laboratories in such popular television series as *C.S.I.*, *Cold Case*, and *Bones*. "People have always been interested in mysteries," says Spencer, whose office poster of Sherlock Holmes peering at test tubes reminds visitors that the greatest crime-scene analyst of all, real or imagined, was a chemist by training. "It's just that since the 1990s, police professionals have looked increasingly to science for answers. As the action began moving from the streets to the labs, art followed life."

The academic action appears to be moving in a similar direction. Spencer, associate dean of the College of Arts and Sciences and a Meredith Professor for Teaching Excellence, introduced SU's first forensic science course as a chemistry elective in 2002. Less than a decade later, an interdisciplinary M.S. degree program in forensic science, launched by Arts and Sciences last year, is among the most far-reaching graduate-level collaborations on campus, drawing faculty and learning resources from the Maxwell School and the colleges of Law and Human Ecology on campus, as well as the SUNY College of Environmental Science and Forestry, SUNY Upstate Medical University, and Onondaga County's Wallie Howard Jr. Forensic Science Center. The curriculum consists of classes and laboratories offered directly by the program as well as cross-

listed courses in 10 disciplines. A thriving undergraduate minor in forensic science attracts students pursuing career paths in fields ranging from engineering and health care to journalism and social work, and FSP college-credit courses are available through Project Advance to qualified students at 70 participating high schools in New York and New Jersey. All told, some 2,000 students registered for SU forensic science courses during academic year 2008-09, and a proposal for an undergraduate major is planned. According to Spencer, spectacular growth has not swayed FSP from its academic mission. "As part of a research university, we are preparing laboratory professionals for the most current forms of analysis and we are expanding the field through research," he says. "I'm proud to say that we are one of only a few forensics programs in the country rooted squarely in the sciences."

Last fall, Syracuse's leadership in the field won national recognition in the form of a \$912,000 grant from the U.S. Department of Justice's National Institute of Justice. Under terms of the award, FSP will conduct a two-year series of forensic science workshops on campus, bringing prominent researchers into contact with professionals from across the country for discussions on such subjects as DNA research, identifying remains, determining post-mortem interval ("time of death"), and quantitative methods in forensic problem-solving. Spencer heads a grant team consisting of FSP director Michael Sponsler of

the chemistry department and anthropologists Shannon Novak of the Maxwell School and Ann Bunch, who teaches criminal justice at SUNY Brockport. "This project fits in well with our goal of making Syracuse University the clearing house for information in the forensic sciences," Spencer says. Sponsler believes the workshops will provide rare opportunities for practitioners to exchange ideas on the future of the field. "In addition to learning what's at the forefront of forensic science, the participants will help define the forefront," he says.

Anita Zannin G'10, a master's degree candidate, was already a working professional when admitted to the program. A protégé of Herbert L. MacDonell, a pioneer of modern forensic science, Zannin is a bloodstain pattern analyst at MacDonell's laboratory in Corning, New York. "I became aware of the program when I accompanied Herb to Syracuse for a guest lecture he was giving," says Zannin, who earned a bachelor's degree at Buffalo State College. "I looked into it and found I would have an opportunity to expand my skills to other areas in forensic science while gaining a credential for teaching and for legal testimony." Zannin's presence in the program is mutually beneficial. "According to Herb MacDonell, Anita already knows more than many practicing forensic scientists," Sponsler says. "She'll teach bloodstain pattern analysis for us this summer."

Kara Seaburg '10, a psychology major, transferred from Roger Williams College in Rhode Island, attracted by SU's minor in forensic science. In 2009, she served a summer internship at the National Center for Missing and Exploited Children in Alexandria, Virginia, one of several internship opportunities available yearly to Syracuse FSP students. "Working at the center gave me hands-on experience with concepts I learned in class," she says. "For example, I used forensic imagery software in real cases to generate images of what a missing child might look like today or how a suspected predator appeared in the past." The process, known as age progression/age regression, is an effective tool in the recovery of abducted children. Completing the 18-credit minor helped Seaburg find out what kinds of forensic work appeal to her—and what kinds don't. "In my forensic entomology class, we worked with two pig carcasses," she says. "We had to collect maggots and analyze them as a way of determining time of death. I felt lucky to have a chance to do it—not too many schools give you an opportunity like that—but I also learned that working with insects is not exactly a career priority for me."

The study of forensic science contains many of the currents that are shaping higher education at Syracuse. FSP's inherently interdisciplinary subject matter is attracting students to become involved in faculty research projects and is fostering partnerships with other colleges and universities. While mastering the basics through traditional applications in law enforcement, social work, and medicine, students are engaging in civic life through internships with local police, domestic violence agencies, and medical examiners. Emerging applications of forensic science in anti-terrorism and information security are giving the field important international dimensions as well. "We did an inventory this past summer in which we identified 100 SU faculty members in six colleges whose research in some way touches on forensic science," Spencer says. "That broad academic range is reflected in the need for many kinds of forensic scientists in the job market." Citing a recent study by the U.S. Department of Labor, he says there is a current and foreseeable shortage of forensic laboratory professionals even as a glut of field investigators has developed. "I believe the need for lab analysts will grow even faster as we push our research agenda here in Syracuse," Spencer says. "We're bound to see new discoveries, new directions, and new techniques."

—David Marc

“As part of a research university, we are preparing laboratory professionals for the most current forms of analysis and we are expanding the field through research.”

PROFESSOR JAMES T. SPENCER

Lindsay R. Olivette '10 (left) and Erin Rent G'09 test a forensic sample on the GC/Mass Spectrometer in Advanced Forensic Science class.

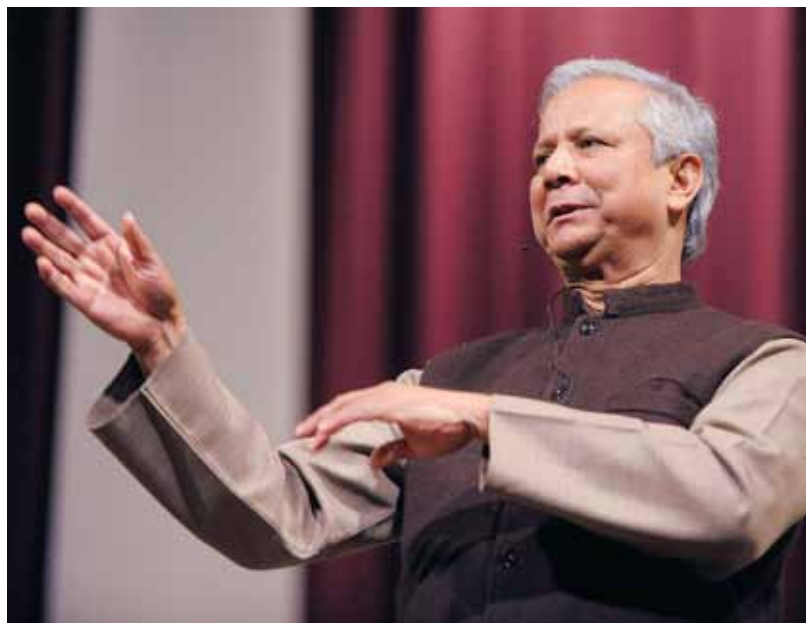


FORENSICS, ANYONE?

Murder mystery fans are likely to know the meaning of “dusting for prints” and most understand why medical examiners conduct autopsies. But “forensic science,” the general term covering such activities, is about more than smudges and blood stains. Professor Michael Sponsler, director of SU's Forensic Science Program, defines the field as “science applied to law.” To determine tax fraud, for example, a forensic accountant must analyze financial records. A forensic psychiatrist is consulted to determine a defendant's competence to stand trial. Forensics is derived from the Latin “forum,” a synonym for “public.” Since public standards are expressed in law, and science is a method for determining truth, forensic science refers to the process of testing assertions of fact to legal standards.

NOBEL ADVICE

MUHAMMAD YUNUS, the 2006 Nobel Peace Prize recipient, speaks at Hendricks Chapel in February about micro-lending as a way to eradicate poverty. Yunus, who appeared on campus as part of the University Lectures series, began providing small personal loans to destitute basket weavers in his native Bangladesh in the mid-1970s and went on to establish The Grameen Bank in 1983. Since then, the bank has assisted millions of people around the globe, providing more than \$8.26 billion in loans without collateral to support income-generating activities.



NEWS MAKERS

Maxwell School Dean **Mitchel Wallerstein G'72** was named president of Baruch College in New York City. He will assume the position this summer.

Newhouse student **Juliette Lynch '10** won the 20th annual student photojournalism competition sponsored by the Alexia Foundation for World Peace. Her winning entry documented teenage girls in a local community.

John Baldwin, Distinguished Professor of Chemistry and the William Rand Kenan Jr. Professor of Science in the College of Arts and Sciences, was the 2010 recipient of the James Flack Norris Award in Physical Organic Chemistry. Baldwin received the prestigious award, which recognizes

significant achievements in research, at the 239th national meeting of the American Chemical Society in San Francisco in March.

Chris Uyehara, a culinary specialist who teaches at the College of Human Ecology, was awarded a gold medal at the 26th annual Harbin International Ice and Snow Sculpture Festival in China. Uyehara and his ice-carving partner, Stan Kolonko, created their sculpture, *Geo Flames*, working 20 hours over a three-day span and using 6,000 pounds of ice.

SU Trustee **James V. Breuer '72** was inducted into the 2010 Independent Sector Alumni Hall of Distinction, an honor awarded by the Commission on Independent Colleges and Universities to alumni who have contributed to

growing the New York State economy. He is president and the fifth generation of the family-owned Hueber-Breuer Construction Co., which has been involved in numerous campus building projects. Breuer is also active in professional and civic organizations in the Syracuse area.

Marvin Druger, professor emeritus of biology and science education, who retired after 47 years at SU and 55 years in teaching, shares his wit, insight, and life experiences in *The Misadventures of Marvin*, published this spring by Syracuse University Press. In the entertaining and heartfelt memoir, Druger reflects on growing up in Brooklyn, his longtime marriage to Pat Druger, a retired SU administrator, and his years in the classroom.



SPORTS NOTES

Orange football great **Floyd Little '67** will be inducted into the Pro Football Hall of Fame in August.

Uhunoma Osazuwa '10 placed sixth in the pentathlon at the NCAA Track & Field Indoor Championships in Fayetteville, Arkansas, to earn All-America accolades. She is the first SU pentathlete to receive the honor.

Stefanie Marty '12, an assistant captain on the Orange ice hockey team, helped lead her native Switzerland to a fifth-place finish at the Winter Olympics in Vancouver. Marty scored nine goals in five games, including four in Switzerland's 6-0 victory against China. She became only the third woman to score eight or more goals in one Olympics.

Forward **Nicole Michael '10**, an honorable mention All-American, concluded her career as the all-time leading scorer (1,787 points) and rebounder (996) in SU women's basketball history. The Orange women advanced to the quarterfinals of the Women's National Invitation Tournament, finishing the season with a 25-11 record, their most wins since they began NCAA competition in 1981-82.



"I included Syracuse University in my estate plan because I wanted to ensure that future generations of students have the same opportunity to succeed as I did. I hope, by my example, to teach my sons the value of supporting education throughout their lifetimes—and beyond."

—David Edelstein '78



LEAVE YOUR IMPRINT ON TOMORROW. ACT TODAY.

There's no question. Taking care of your loved ones is the first priority of any well-thought-out estate plan. But once you've provided for family and friends, how do you ensure that your ideals and your passions live on? Leaving a bequest to Syracuse University is a simple, flexible, and powerful opportunity to do just that.

Extend a Helping Hand to SU's Future Generations

When you name SU a beneficiary of your estate, you can specify how you want your gift to be used. Do you have a passion for the arts? Do you love exploring history? Would you like to support a specific program or department, endow an undergraduate scholarship, or continue making an annual gift? With a bequest, it's easy to choose the gift option that best meets your individual circumstances and desires. You can, for example:

- >> Specify that SU will receive a percentage of the estate that remains after other beneficiaries are provided for.
- >> Designate SU the beneficiary of specific assets, such as securities, retirement funds, or real estate.
- >> Leave a specific dollar amount to SU.

But regardless of the method you choose, you can rest assured that your generosity will be felt on campus for years to come.

How to Make a Plan

Bequests don't have to be big to have an impact. In fact, SU's continued success is the direct result of thousands of bequests—large and small—made by alumni and friends. To learn how you can do the same, call **888.352.9535**, or e-mail giftplan@syr.edu. For help on writing a bequest, visit giving.syr.edu/samplebequest.

Be a Leader

When you make a bequest, you'll be recognized as a Syracuse University Pathfinder—joining a group of insightful leaders who have included SU in their long-term financial plans.

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